

IN THE ABSTRACT OF DISCLOSURE:

The abstract is changed as follows:

B4
~~Device enabling~~ A device which enables different spreading factors whilst preserving a common scrambling code, in particular for transmission in a code division multiple access cellular mobile radio system, ~~the~~ The device including, on transmission, a grouper for grouping the various data symbols of a kth incoming sequence ($k=1, \dots, K$) into different blocks of Q_{MAX}/Q_k symbols, and a spreader for spreading K incoming sequences by means of K respective spreading codes of respective length Q_k ($k=1, \dots, K$) which is a sub-multiple of a maximum length Q_{MAX} , and scrambling the spread sequences obtained in this way wherein the spreader spreads the blocks from the kth incoming sequence ($k=1, \dots, K$) by means of the corresponding code of length Q_k to obtain a spread sequence including different spread blocks of length Q_{MAX} . The device further includes a scrambler for scrambling each of the K spread sequences obtained in this way using a scrambling code of length Q_{MAX} .

• ~~means for grouping the various data symbols of the kth incoming sequence ($k=1, \dots, K$) into different blocks of Q_{MAX}/Q_k symbols,~~

• ~~means for spreading the blocks from the kth incoming sequence ($k=1, \dots, K$) by means of the corresponding code of length Q_k to obtain a spread sequence including different spread blocks of length Q_{MAX} ;~~

• means for scrambling each of the K spread sequences obtained in this way using a scrambling code of length Q_{MAX} .